

Tenergy Official Site

Tenergy

Tenergy Polymer Li-Ion 1-2C 3.7V 35Ah (95212223) (Item Number: 30101)

Price per Unit (piece): [Log-in or Call for Pricing](#)



Item Number: 30101

Features:

- Tenergy Unique High-Capacity Li-Po Single Cell
- High operating voltage
- Energy density is high, volumetric energy density of 350Wh/L and gravimetric energy density of 135Wh/kg.
- No memory effect
- Self-discharge is less than 10% per month
- Safety characteristics are excellent
- The battery has a wide discharging temperature range of -20 °C to +60 °C

No.	Item	Spec	Note
1	Model	95212223/35000mAh	
2	Charge Voltage	4.2V	
3	End-of-charge voltage	4.2V	CC\CV
4	Nominal Voltage	3.7V	Cell Voltage between 3.6V ~3.9V before shipping
5	Nominal Capacity	>=35000mAh@ 0.2C Discharge	Nominal Capacity refer to the capacity of 0.2C discharge with 2.75V cut-off voltage, after charging with standard method.

6	Cycle Life	>= 300 Times	One cycle refer to one charge period and then one discharge period. Test condition: Charge: 0.2C to 4.2V Discharge: 0.2C to 2.75V The cycle life is the cycle times when the discharge capacity is about 80%
7	Self-discharge	Residual Capacity>90%	After standard charging, stored at 25°C±0.5°C for 30 days, then measure the capacity as item 4.
8	Impedance	Typical:10mΩ Max: 15mΩ	After standard charging, measure the internal resistance with AC1KHz
9	Max. Charge Current	1.0C	
10	Max. Discharge Current	1.0C	
11	Discharge Cut-off	2.75V	
12	Operating Temperature	Discharge:-10 ~ +60 Charge: 0 ~ +45	Cells must be stored at 3.6V-3.9V. During long period storage, cells should be maintained every 90 days. The method is to do a charge-discharge cycle with standard method, then
13	Storage Temperature	-20 ~+45	charge to 3.7—3.9V.
14	Cell Weight	Approx 1Kg	
15	Cell Dimension	Length 225mm Max Width 212mm Max Thickness 9.5mm Max	Measured with weighting 300gf at 25 ± 0.5 Not including Tabs

Cautions

- **Li-ion cells are very sensitive to charging characteristics and may explode if mishandled.**
- User should have enough knowledge on Li-Ion rechargeable batteries in charging, discharging, and assembly before use.
- We are not responsible for any damage caused by misuse or mishandling of these Polymer Li-Ion batteries

[Vendor Information](#)